

WRAMC Neuropsychology Fellowship
Spring 1999 Reading Seminar

WRAMC NEUROPSYCHOLOGY FELLOWSHIP READING SEMINAR
WINTER/SPRING 1999

I. Source of Readings for Content Domains

Psychometric Properties of Specific Procedures: Lezak, M. Clinical Neuropsychology, Third Edition. New York, Oxford, 1995.

Military Relevant Issues: Selected Articles and Roundtable Discussion

Neuropsychological Aspects of Specific Diseases: 1) Lezak, M. Clinical Neuropsychology, Third Edition. New York, Oxford, 1995. 2) Selected Articles.

II. Seminar Schedule

7 JAN 99 Psychometric Properties of Specific Procedures
Dr. Ross

Lezak Chapter 15 Concept Formation and Reasoning

14 JAN 99 Psychometric Properties of Specific Procedures
Dr. Christensen

Lezak Chapter 16 Executive Functions and Motor Performance

21 JAN 99 Psychometric Properties of Specific Procedures
Dr. Ross

Lezak Chapter 17 Batteries for Assessment of Brain Damage

28 JAN 99 Military Relevant Issues: neuropsychological Effects of Prescription Medications
Dr. Christensen

Stein, R. A. & Strickland, T. (1998). A review of the neuropsychological effects of prescription medications. Archives of Clinical Neuropsychology, 13, 259-284.

4 FEB 99 Psychometric Properties of Specific Procedures
Dr. Ross

Lezak Chapter 18 Observational Methods, Rating Scales, and Inventories

11 FEB 99 Psychometric Properties of Specific Procedures
Dr. Christensen

Lezak Chapter 19 Tests of Personal Adjustment

18 FEB 99 Psychometric Properties of Specific Procedures
Dr. Ross

Lezak Chapter 20 Testing for Functional Complaints

25 FEB Military Relevant Issues: Neuropsychological Aspects of CNS Disorders Contracted OCONUS
Dr. Christensen

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Richardson, E., Varney, N., Roberts, R., Springer, J., & Woods, P. (1997). Long term cognitive sequelae of malaria on Vietnam veterans. Applied Neuropsychology, 4, 238-243.

Sulway, M., Broe, G., Creasey, H., Dent, O., Jorm, A., Kos, S., Tennant, C. (1996). Are malnutrition and stress risk factors for accelerated cognitive decline? Neurology, 46, 650-655.

Varney, N., Roberts, R., Springer, J., Connell, S., & Wood, P. (1997). Neuropsychiatric sequelae of cerebral malaria in Vietnam veterans. Journal of Nervous and Mental Disease, 185, 695-703.

Sutker, P., Vasterling, J., Brailey, K., Allain, A., & Albert, N. (1995). Memory, attention, and executive deficits in POW survivors: contributing biological and psychosocial factors. Neuropsychology, 9, 118-125.

4 MAR 99 Psychometric Properties of Specific Procedures
Dr. Ross

Lezak Chapter 5 The Neuropsychological Examination: Procedures

11 MAR 99 Neuropsychological Aspects of Specific Diseases: Overview I
Dr. Christensen

Lezak Chapter 7 Neuropathology for Neuropsychologists, pp. 170-203

18 MAR 99 Neuropsychological Aspects of Specific Diseases: Overview II
Dr. Ross

Lezak Chapter 7 Neuropathology for Neuropsychologists, pp. 203-241

25 MAR 99 Military Relevant Issues: Neuropsychological Evaluation of Aviators
Dr. Christensen

Callister, J., King, R., & Retzlaff, P. (1995). Cognitive assessment of USAF pilot training candidates: multidimensional aptitude battery and cogscreen-aeromedical edition. Interim technical report. Brooks Air Force Base, Texas: Aerospace Medicine Directorate.

Callister, J. & Retzlaff, P. (1996). The USAF's enhanced flight-screening program: psychological assessment of undergraduate pilot training candidates. Paper presented at the Aerospace Medical Panel Symposium, Prague, Czech Republic, May.

Stokes, A., Banich, M., & Elledge, V. (1991). Testing the tests—an empirical evaluation of screening tests for the detection of cognitive impairment in aviators. Aviation, Space, and Environmental Medicine, 62, 783-788.

1 APR 99 Neuropsychological Aspects of Specific Diseases: Overview III
Dr. Ross

Lezak Chapter 7 Neuropathology for Neuropsychologists, pp. 241-275

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8 APR 99 Neuropsychological Aspects of Specific Diseases: Mild Head Injury
Dr. Christensen

Binder, L., Rohling, M., & Larabee, G. (1997). A review of mild head trauma: Meta-analytic review of the neuropsychological studies. Journal of Clinical and Experimental Neuropsychology, 19, 421-431.

Klonoff, P. & Lamb, D. (1998). Mild head injury, significant impairment on neuropsychological test scores, and psychiatric disability. The Clinical Neuropsychologist, 12, 31-42.

Levin, H., Mattis, S., Ruff, R., Eisenberg, H., Marshall, L., Tabaddor, K., High, W., & Frankowski, R. (1987). Neurobehavioral outcome following minor head injury: a three-center study. Journal of Neurosurgery, 66, 234-243.

Raskin, S., Mateer, C., & Tweeten, R. (1998). Neuropsychological assessment of individuals with mild traumatic brain injury. The Clinical Neuropsychologist, 12, 21-30.

15 APR 99 Neuropsychological Aspects of Specific Diseases: Moderate to Severe Head Injury
Dr. Ross

Dikmen, S., Ross, B., Machamer, J., & Temkin, N. (1995). One year psychosocial outcome in head injury. Journal of the International Neuropsychological Society, 1, 67-77.

Dikmen, S., Machamer, J., Winn, H., & Temkin, N. (1995). Neuropsychological outcome at one-year post head injury. Neuropsychology, 9, 80-90.

Kreutzer, J., Gordon, W., Rosenthal, M., & Marwitz, J. (1993). Neuropsychological characteristics of patients with brain injury: preliminary findings from a multicenter investigation. Journal of Head Trauma Rehabilitation, 8, 47-59.

22 APR 99 Neuropsychological Aspects of Specific Diseases: Anterior Communicating Aneurysm Rupture
Dr. Christensen

DeLuca, J. (1992). Cognitive dysfunction after aneurysm of the anterior communicating artery. Journal of Clinical and Experimental Neuropsychology, 14, 924-934.

DeLuca, J. & Diamond, B. (1995). Aneurysm of the anterior communicating artery: a review of neuroanatomical and neuropsychological sequelae. Journal of Clinical and Experimental Neuropsychology, 17, 100-121.

Eslinger, P. & Damasio, A. (1984). Behavioral disturbances associated with rupture of anterior communicating artery aneurysms. Seminars in Neurology, 4, 385-389.

29 APR 99 Military Relevant Issues: Penetrating Head Injury
Dr. Ross

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Grafman, J. & Salazar, A. (1987). Methodological considerations relevant to the comparison of recovery from penetrating and closed head injuries. In H. Levin, H. Eisenberg, & J. Grafman, (Eds.) Neurobehavioral Recovery from Head Injury, pp. 43-54. New York: Oxford.

Grafman, J., Schwab, K., Warden, D., Pridgen, A., Brown, H., & Salazar, A. (1996). Frontal lobe injuries, violence, and aggression: a report of the Vietnam head injury study. Neurology, 46, 1231-1238.

Ommaya, A., Ommaya, A., Dannenberg, A., & Salazar, A. (1996). Causation, incidence, and costs of traumatic brain injury in the U.S military medical system. The Journal of Trauma, Injury, Infection, and Critical Care, 40, 211-217.

Schwab, K., Grafman, J., Salazar, A., & Kraft, J. (1993). Residual impairments and work status 15 years after penetrating head injury: report from the Vietnam head injury study. Neurology, 43, 95-103.

6 MAY 99 Neuropsychological Aspects of Specific Diseases: Dementia I
Dr. Christensen

Alzheimer's disease: the search for causes and treatments-part I. (1998). Harvard Mental Health Letter, 15 (2), 1-4.

Alzheimer's disease: the search for causes and treatments-part II. (1998). Harvard Mental Health Letter, 15 (3), 1-5.

Crook, T., Larrabee, G., LaRue, A., Lebowitz, B., Storandt, M., & Youngjohn, J. (1998). Guidelines for the evaluation of dementia and age-related cognitive decline. Washington: American Psychological Association.

Geldmacher, D. & Whitehouse, P. (1997). Differential diagnosis of Alzheimer's Disease. Neurology, 48, Supplement 6, 82-89.

Libon, D., Bogdanoff, B., Bonavita, J., Sklaina, S., Cloud, B., Resh, R., Cass, P., & Ball, S. (1997). Dementia associated with periventricular and deep white matter alterations: a subtype of cortical dementia. Archives of Clinical Neuropsychology, 12, 239-250.

Morris, J., Edland, S., Clark, C., Galasko, D., Koss, E., Mohs, R. et al. (1993). The consortium to establish a registry for Alzheimer's Disease (CERAD). part IV: rates of cognitive change, a longitudinal assessment of probable Alzheimer's Disease. Neurology, 43, 2457-2465.

13 MAY 99 Neuropsychological Aspects of Specific Diseases: Dementia II
Dr. Ross

Fisher, N., Rourke, B., Bieliauskas, L., Giordani, B., Berent, S., & Foster, N. (1996). Neuropsychological subgroups of patients with Alzheimer's Disease. Journal of Clinical and Experimental Neuropsychology, 18, 349-370.

Levy, M., Miller, B., Cummings, J., Fairbanks, L., & Craig, A. (1996). Alzheimer Disease and frontotemporal dementias. Archives of Neurology, 53, 687-690.

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Mungas, D., Wallace, R. & Reed, B. (1998). Dimensions of cognitive ability in dementia: differential sensitivity to degree of impairment in Alzheimer's Disease. The Clinical Neuropsychologist, 12, 129-142.

Welsh, K., Butters, N., Mohs, R., Beekley, D., Edland, S., Fillenbaum, G., & Heyman, A. (1994). CERAD Part V: a normative study of the neuropsychological battery. Neurology, 44, 609-614.

Zakzanis, K. (1998). Quantitative evidence for neuroanatomic and neuropsychological markers in dementia of the Alzheimer's type. Journal of Clinical and Experimental Neuropsychology, 20, 259-269.

20 MAY 99 PCE Week No Seminar

27 MAY 99 Military Relevant Issues: Neuropsychology in the Field:
Roundtable Discussion with Background Reading
Drs. Christensen

Resnick, P. (1997). Malingering of posttraumatic disorders. In R. Rogers (Ed.) Clinical assessment of malingering and deception (Second edition). New York: Guilford, pp. 130-152.

3 JUN 99 Neuropsychological Aspects of Specific Diseases: Multiple Sclerosis
Dr. Ross

Hohol, M., Guttman, C., Orav, J., Mackin, G., Kikinis, R., Khouri, S., Jolesz, F., Weiner, H. (1997). Serial neuropsychological assessment and magnetic resonance imaging analysis in multiple sclerosis. Archives of Neurology, 54, 1018-25.

Pliskin, N., Hamer, D., Goldstein, D., Towle, V., Reder, A., Noronha, A., Aranson, B. (1996). Improved delayed visual reproduction test performance in multiple sclerosis patients receiving interferon beta-1b. Neurology, 47, 1463-8.

Rao, S. (1995). Neuropsychology of multiple sclerosis. Current Opinions in Neurology, 8, 216-230.

Wishart, H. & Sharpe, D. (1997). Neuropsychological aspects of multiple sclerosis: a quantitative review. Journal of Clinical and Experimental Neuropsychology, 19, 810-24.

10 JUN 99 Neuropsychological Aspects of Specific Diseases: Epilepsy I
Dr. Christensen

Bell, B. & Davies, K. (1998). Anterior temporal lobectomy, hippocampal sclerosis, and memory: recent neuropsychological findings. Neuropsychology Review, 8, 25-41.

Hermann, B., Seidenberg, M., Schoenfeld, J., & Davies, K. (1997). Neuropsychological characteristics of the syndrome of mesial temporal lobe epilepsy. Archives of Neurology, 54, 369-376.

Kneebone, A., Chelune, G., & Luders, H. (1997). Individual prediction of seizure lateralization in temporal lobe epilepsy: a comparison

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between neuropsychological memory measures and the intracarotid amobarbital procedure. Journal of the International Neuropsychological Society, 3, 159-168.

Loring, D. (1997). Neuropsychological evaluation in epilepsy surgery. Epilepsia, 38, Supplement 4, S18-S23.

Trenerry, M. (1996). Neuropsychologic assessment in surgical treatment of epilepsy. Mayo Clinic Proceedings, 71, 1196-2000.

17 JUN Neuropsychological Aspects of Specific Diseases: Epilepsy II
Dr. Ross

Chelune, G. (1995). Hippocampal adequacy versus functional reserve: predicting memory functions following temporal lobectomy. Archives of Clinical Neuropsychology, 10, 413-432.

Dodrill, C. & Ojemann, G. (1997). An exploratory comparison of three methods of memory assessment with the intracarotid amobarbital procedure. Brain and Cognition, 33, 210-223.

Seidenberg, M., Wyler, A., Dohan, F., Hermann, B., Davies, K., & Leveroni, C. (1998). Neuropsychological outcome following anterior temporal lobectomy in patients with and without the syndrome of mesial temporal lobe epilepsy. Neuropsychology, 12, 303-316.

24 JUN Military Relevant Issues: Neuropsychological Aspects of Systemic Diseases
Dr. Christensen

Kelly, M. & Doty, R. (1995). Neuropsychological dysfunction: research and evaluation. In P. Nicassio & T. Smith (Eds.) Managing chronic illness: a biopsychosocial perspective. Washington, D.C.: American Psychological Association.